

[REDACTED]son Ref. No. P12793
[REDACTED]Coats & Bennett Docket No. 4740-029

ABSTRACT OF THE DISCLOSURE

A session controller provides mobility management support in a 1xEVDO wireless communication network, such as one configured in accordance with the TIA/EIA/IS-856 standard. Operating as a logical network entity, the SC maintains location (e.g., a pointing tag) and session information at an access network controller (ANC) granularity, thus allowing it to track access terminal (AT) transfer between ANCs but within subnet boundaries, where a network subnet comprises one or more ANCs. This allows a packet control function (PCF) to maintain location information at a packet zone granularity, thereby reducing mobility management overhead at the PCF. The SC provides updated tag and session information to PCFs, ANCs, and other SCs as needed. Information exchange with other SCs arises, for example, when two or more SCs cooperate to maintain or transfer routing and session information across subnets.